

Express Mail No.: EL 452 480 060 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Ruddy and Wolff

Serial No.: 08/852,495

Group Art Unit: 1644

Filed: May 7, 1997

Examiner: Vandervegt, F.

For: POLYMORPHISMS IN THE
REGION OF THE HUMAN
HEMOCHROMATOSIS GENE

Attorney Docket No.:
8907-0057-999
(formerly 17957-000110)



SUBMISSION OF SUBSTITUTE SEQUENCE LISTING

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Communication dated July 19, 1999, in connection with the above-captioned application, Applicants submit herewith Substitute page 38 of the Sequence Listing and Sequence Listing in computer readable form pursuant to 37 C.F.R. §§ 1.821(e) and (f). The content of the paper and computer readable copies of the Substitute Sequence Listing submitted herewith are the same. The Substitute Sequence Listing merely corrects the defect noted in the Communication and does not introduce new matter into the application.

No fees are believed due in connection with this submission. However, if it is determined that additional fees are due, please charge them to Pennie & Edmonds LLP Deposit Account No. 16-1150. A copy of this sheet is enclosed for accounting purposes.

Respectfully submitted,

[Signature]
by Robert Shell
Reg. No. 44,350

Date: September 22, 1999

Brian Poissant 28,462
Brian M. Poissant (Reg. No.)

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Enclosures

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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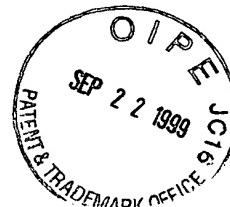
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VERIFIED STATEMENT UNDER 37 C.F.R. § 1.821(f)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

I, AARON HOKAMURA, do declare and state as follows:

1. I prepared a Sequence Listing in paper and computer readable forms in accordance with 37 C.F.R. §§ 1.821 - 1.825 in connection with the above-captioned patent application, both of which are being submitted herewith.

2. I hereby state that, to the best of my knowledge, the contents of the paper and computer readable copies of the Sequence Listing are the same.

3. I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signed

August 12, 1999
Date

Aaron Hokamura
Aaron Hokamura